

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3290	725/59,74,82,85,131,133,139,151.ccls.	US-PGPUB; USPAT	OR	ON	2009/07/13 12:45
L2	1680	1 and (@ad<"20010817" @rlad<"20010817")	US-PGPUB; USPAT	OR	ON	2009/07/13 12:45
L3	180498	(mux multiplex\$3 mul\$1tplexer mul\$1tplexing) same (input output)	US-PGPUB; USPAT	OR	ON	2009/07/13 12:50
L4	438	2 and 3	US-PGPUB; USPAT	OR	ON	2009/07/13 12:50
L5	145220	(mux multiplex\$3 mul\$1tplexer mul\$1tplexing) with (input output)	US-PGPUB; USPAT	OR	ON	2009/07/13 12:50
L6	355	2 and 5	US-PGPUB; USPAT	OR	ON	2009/07/13 12:50
L7	130703	(mux multiplex\$3 mul\$1tplexer mul\$1tplexing) near8 (input output)	US-PGPUB; USPAT	OR	ON	2009/07/13 12:51
L8	302	2 and 7	US-PGPUB; USPAT	OR	ON	2009/07/13 12:51
L9	123852	(mux multiplex\$3 mul\$1tplexer mul\$1tplexing) near6 (input output)	US-PGPUB; USPAT	OR	ON	2009/07/13 12:51
L10	71680	(mux multiplex\$3 mul\$1tplexer mul\$1tplexing) with input with output	US-PGPUB; USPAT	OR	ON	2009/07/13 12:52
L11	112	2 and 10	US-PGPUB; USPAT	OR	ON	2009/07/13 12:52
L12	56181	(mux multiplex\$3 mul\$1tplexer mul\$1tplexing) near8 input near8 output	US-PGPUB; USPAT	OR	ON	2009/07/13 12:53

L13	82	2 and 12	US-PGPUB; USPAT	OR	ON	2009/07/13 12:53
L14	48455	(mux multiplex\$3 mul\$1tipler mul\$1tipler) near6 input near6 output	US-PGPUB; USPAT	OR	ON	2009/07/13 12:53
L15	70	2 and 14	US-PGPUB; USPAT	OR	ON	2009/07/13 12:53
S1	1	"20020106018"	US-PGPUB; USPAT	OR	ON	2007/06/12 13:54
S2	14164	"725"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/11 16:52
S3	9	S2 and dvb and multiplexer and hdtv and secam and disk	US-PGPUB; USPAT	OR	ON	2007/06/11 16:58
S4	19	"725"/\$.ccls. and lawler.in.	US-PGPUB; USPAT	OR	ON	2007/06/12 13:54
S5	17	S4 and local\$	US-PGPUB; USPAT	OR	ON	2007/06/12 14:10
S6	14176	"725"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/12 14:10
S7	432	725/35.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/12 14:15
S8	127	S7 and @rlad<"20010817"	US-PGPUB; USPAT	OR	ON	2007/06/12 17:57
S9	115	S8 and local\$	US-PGPUB; USPAT	OR	ON	2007/06/13 10:06
S10	14176	"725"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/12 15:42
S11	29	S10 and drawer and module	US-PGPUB; USPAT	OR	ON	2007/06/12 15:52
S12	92	drawer same module same bus	US-PGPUB; USPAT	OR	ON	2007/06/12 15:53

S13	28	S12 and @rlad<"20010817"	US-PGPUB; USPAT	OR	ON	2007/06/12 15:53
S14	14176	"725"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/12 17:55
S15	588	S14 and (input near3 multiplex\$3)	US-PGPUB; USPAT	OR	ON	2007/06/12 17:56
S16	196	S14 and "input multiplexer"	US-PGPUB; USPAT	OR	ON	2007/06/12 18:02
S17	80	S16 and @rlad<"20010817"	US-PGPUB; USPAT	OR	ON	2007/06/13 14:40
S18	116	S16 not S17	US-PGPUB; USPAT	OR	ON	2007/06/12 18:02
S19	14176	"725"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/13 09:41
S20	196	S19 and "input multiplexer"	US-PGPUB; USPAT	OR	ON	2007/06/13 09:41
S21	80	S20 and @rlad<"20010817"	US-PGPUB; USPAT	OR	ON	2007/06/13 09:42
S22	4	S21 and wheeler.in.	US-PGPUB; USPAT	OR	ON	2007/06/13 09:42
S23	1	"20060248555"	US-PGPUB; USPAT	OR	ON	2007/06/13 10:42
S24	6	S19 and "removable cover"	US-PGPUB; USPAT	OR	ON	2007/06/13 11:04
S25	36	S19 and (removable same cover)	US-PGPUB; USPAT	OR	ON	2007/06/13 11:10
S26	42689	"removable cover"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 11:11

S27	700	S26 and tv	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 11:11
S28	22	S27 and "front cover"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 11:15
S29	15	S19 and "front cover"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/13 14:13
S30	1	"20050039214"	US-PGPUB; USPAT	OR	ON	2007/06/13 14:14
S31	1	("5903829").PN.	USPAT; USOCR	OR	OFF	2007/06/13 14:27
S32	0	"724"/\$.cds.	US-PGPUB; USPAT	OR	ON	2007/06/13 14:37
S33	14176	"725"/\$.cds.	US-PGPUB; USPAT	OR	ON	2007/06/13 14:37
S34	664	S33 and ((query updat\$3 download) near5 (epg "program list\$3" ipg "program guide"))	US-PGPUB; USPAT	OR	ON	2007/06/13 14:40
S35	240	S34 and @rlad<"20010817"	US-PGPUB; USPAT	OR	ON	2007/06/13 14:41
S36	2414	725/100,68,131,139,151.cds.	US-PGPUB; USPAT	OR	ON	2007/06/18 18:06

S37	485	S36 and @rlad<"20010817"	US-PGPUB; USPAT	OR	ON	2007/06/18 18:08
S38	10	S37 and (digital same (by\$1pass pass \$1through))	US-PGPUB; USPAT	OR	ON	2007/06/18 20:15
S39	10	muxin same muxout	US-PGPUB; USPAT	OR	ON	2007/06/18 20:15
S40	1	"20050289617"	US-PGPUB; USPAT	OR	ON	2007/06/19 19:54
S41	1	09/932282.app.	US-PGPUB; USPAT	OR	ON	2007/06/19 19:54
S42	1	"20050289617"	US-PGPUB; USPAT	OR	ON	2007/12/18 12:56
S43	8478	("input mux" "input multiplexer") same ("output mux" "output multiplexer")	US-PGPUB; USPAT	OR	ON	2008/03/25 18:47
S44	639	S43 and ("725"/\$.ccls. "348"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2008/03/25 18:47
S45	128	S44 and (encoder same decoder)	US-PGPUB; USPAT	OR	ON	2008/03/25 18:48
S46	19541	((input near2 mux) (input near2 multiplexer)) same ((output near2 mux) (output near2 multiplexer))	US-PGPUB; USPAT	OR	ON	2008/03/25 19:58
S47	1440	S46 and ("725"/\$.ccls. "348"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2008/03/25 19:58
S48	294	S47 and (encoder same decoder)	US-PGPUB; USPAT	OR	ON	2008/03/25 19:59
S49	166	S48 not S45	US-PGPUB; USPAT	OR	ON	2008/03/25 19:59
S50	19559	((input near2 mux) (input near2 multiplexer) muxin) same ((output near2 mux) (output near2 multiplexer) muxout)	US-PGPUB; USPAT	OR	ON	2008/03/25 20:03

S51	1440	S50 and ("725"/\$.ccls. "348"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2008/03/25 20:03
S52	294	S51 and (encoder same decoder)	US-PGPUB; USPAT	OR	ON	2008/03/25 20:03
S53	166	S52 not S45	US-PGPUB; USPAT	OR	ON	2008/03/25 20:03
S54	155	S53 and (@ad<"20010817" @rlad<"20010817")	US-PGPUB; USPAT	OR	ON	2008/03/25 20:05
S55	110	((input near2 mux) (input near2 multiplexer muxin) same ((output near2 mux) (output near2 multiplexer) muxout) same encoder same decoder	US-PGPUB; USPAT	OR	ON	2008/03/25 21:15
S56	105	S55 not S54	US-PGPUB; USPAT	OR	ON	2008/03/25 21:15
S57	83	S56 and (@ad<"20010817" @rlad<"20010817")	US-PGPUB; USPAT	OR	ON	2008/03/25 21:15
S58	19559	((input near2 mux) (input near2 multiplexer) muxin) same ((output near2 mux) (output near2 multiplexer) muxout)	US-PGPUB; USPAT	OR	ON	2008/03/26 11:27
S59	10498	((input near1 mux) (input near1 multiplexer) muxin) same ((output near1 mux) (output near1 multiplexer) muxout)	US-PGPUB; USPAT	OR	ON	2008/03/26 11:27
S60	10498	((input near mux) (input near multiplexer) muxin) same ((output near mux) (output near multiplexer) muxout)	US-PGPUB; USPAT	OR	ON	2008/03/26 11:27
S61	670	((input near mux) (input near multiplexer) muxin) same ((output near mux) (output near multiplexer) muxout) same decoder	US-PGPUB; USPAT	OR	ON	2008/03/26 11:28
S62	519	S61 and (@ad<"20010817" @rlad<"20010817")	US-PGPUB; USPAT	OR	ON	2008/03/26 11:29
S63	166	S62 and video	US-PGPUB; USPAT	OR	ON	2008/03/26 11:30

S64	8478	("input mux" "input multiplexer") same ("output mux" "output multiplexer")	US-PGPUB; USPAT	OR	ON	2008/03/26 11:30
S65	639	S64 and ("725"/\$.ccls. "348"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2008/03/26 11:30
S66	128	S65 and (encoder same decoder)	US-PGPUB; USPAT	OR	ON	2008/03/26 11:30
S67	19559	((input near2 mux) (input near2 multiplexer muxin) same ((output near2 mux) (output near2 multiplexer) muxout)	US-PGPUB; USPAT	OR	ON	2008/03/26 11:30
S68	1440	S67 and ("725"/\$.ccls. "348"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2008/03/26 11:30
S69	294	S68 and (encoder same decoder)	US-PGPUB; USPAT	OR	ON	2008/03/26 11:30
S70	166	S69 not S66	US-PGPUB; USPAT	OR	ON	2008/03/26 11:30
S71	155	S70 and (@ad< "20010817" @rlad< "20010817")	US-PGPUB; USPAT	OR	ON	2008/03/26 11:30
S72	110	((input near2 mux) (input near2 multiplexer muxin) same ((output near2 mux) (output near2 multiplexer) muxout) same encoder same decoder	US-PGPUB; USPAT	OR	ON	2008/03/26 11:30
S73	105	S72 not S71	US-PGPUB; USPAT	OR	ON	2008/03/26 11:30
S74	83	S73 and (@ad< "20010817" @rlad< "20010817")	US-PGPUB; USPAT	OR	ON	2008/03/26 11:30
S75	148	S63 not S74	US-PGPUB; USPAT	OR	ON	2008/03/26 11:31
S76	298	725/74.ccls.	US-PGPUB; USPAT	OR	ON	2008/03/26 11:37
S77	123	S76 and (@ad< "20010817" @rlad< "20010817")	US-PGPUB; USPAT	OR	ON	2008/03/26 11:37

S78	49	S77 and (mux multiplex\$3)	US-PGPUB; USPAT	OR	ON	2008/03/26 11:38
S79	367	725/78.ccls.	US-PGPUB; USPAT	OR	ON	2008/03/26 11:58
S80	189	S79 and (@ad<"20010817" @rlad<"20010817")	US-PGPUB; USPAT	OR	ON	2008/03/26 11:58
S81	74	S80 and (mux multiplex\$3)	US-PGPUB; USPAT	OR	ON	2008/03/26 11:58
S82	62	S81 not S78	US-PGPUB; USPAT	OR	ON	2008/03/26 11:58
S83	157	725/82.ccls.	US-PGPUB; USPAT	OR	ON	2008/03/26 12:11
S84	110	S83 and (@ad<"20010817" @rlad<"20010817")	US-PGPUB; USPAT	OR	ON	2008/03/26 12:12
S85	96	S84 not S82	US-PGPUB; USPAT	OR	ON	2008/03/26 12:12
S86	94	725/85.ccls.	US-PGPUB; USPAT	OR	ON	2008/03/26 12:24
S87	39	S86 and (mux multiplex\$3)	US-PGPUB; USPAT	OR	ON	2008/03/26 12:25
S88	35	S87 and (@ad<"20010817" @rlad<"20010817")	US-PGPUB; USPAT	OR	ON	2008/03/26 12:25
S89	1	09/932282.app.	US-PGPUB; USPAT	OR	ON	2008/03/26 13:13
S90	128	"ntsc decoder" same "ntsc encoder"	US-PGPUB; USPAT	OR	ON	2008/03/26 13:43
S91	3	"dvd bus"	US-PGPUB; USPAT	OR	ON	2008/03/26 15:15
S92	8343	"706"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2008/03/26 15:25



S93	689	S92 and (mux multiplex\$3)	US-PGPUB; USPAT	OR	ON	2008/03/26 15:26
S94	194	S93 and (decoder encoder)	US-PGPUB; USPAT	OR	ON	2008/03/26 15:26
S95	23	S93 and (decoder same encoder)	US-PGPUB; USPAT	OR	ON	2008/03/26 15:27
S96	39	S93 and decoder and encoder	US-PGPUB; USPAT	OR	ON	2008/03/26 15:28
S97	16	S96 not S95	US-PGPUB; USPAT	OR	ON	2008/03/26 15:28
S98	308	725/119.ccls.	US-PGPUB; USPAT	OR	ON	2008/03/26 17:02
S99	222	S98 and (@ad<"20010817" @rlad<"20010817")	US-PGPUB; USPAT	OR	ON	2008/03/26 17:03
S100	203	S99 and (mux multiplex\$3 switch\$3)	US-PGPUB; USPAT	OR	ON	2008/03/26 17:04
S101	207	725/120.ccls.	US-PGPUB; USPAT	OR	ON	2008/03/26 17:29
S102	97	S101 and (@ad<"20010817" @rlad<"20010817")	US-PGPUB; USPAT	OR	ON	2008/03/26 17:30
S103	89	S102 and (mux multiplex\$3 switch\$3)	US-PGPUB; USPAT	OR	ON	2008/03/26 17:30
S104	1	09/932282.app.	US-PGPUB; USPAT	OR	ON	2009/01/15 16:35
S105	104	725/59.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/15 16:51
S106	66	S105 and (@rlad<"20010817" @ad<"20010817")	US-PGPUB; USPAT	OR	ON	2009/01/15 16:51
S107	22	S106 and multiplexer	US-PGPUB; USPAT	OR	ON	2009/01/15 16:51

S108	2243	"725"/\$.ccls. and gateway	US-PGPUB; USPAT	OR	ON	2009/01/15 17:05
S109	954	S108 and (@rlad<"20010817" @ad<"20010817")	US-PGPUB; USPAT	OR	ON	2009/01/15 17:05
S110	79	S109 and (multiplexer same input same output)	US-PGPUB; USPAT	OR	ON	2009/01/15 17:06
S111	455	725/133.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/15 17:15
S112	222	S111 and (@rlad<"20010817" @ad<"20010817")	US-PGPUB; USPAT	OR	ON	2009/01/15 17:15
S113	81	S112 and multiplex\$3	US-PGPUB; USPAT	OR	ON	2009/01/15 17:16
S114	408	725/141.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/15 17:20
S115	216	S114 and (@rlad<"20010817" @ad<"20010817")	US-PGPUB; USPAT	OR	ON	2009/01/15 17:20
S116	81	S115 and multiplex\$3	US-PGPUB; USPAT	OR	ON	2009/01/15 17:20
S117	299	725/153.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/15 17:22
S118	158	S117 and (@rlad<"20010817" @ad<"20010817")	US-PGPUB; USPAT	OR	ON	2009/01/15 17:22
S119	52	S118 and multiplex\$3	US-PGPUB; USPAT	OR	ON	2009/01/15 17:22
S120	7174	(multiplexer same input same output) and (video same (decod\$3 encod\$3))	US-PGPUB; USPAT	OR	ON	2009/01/15 17:26
S121	1326	(multiplexer same input same output) same (video with (decod\$3 encod\$3))	US-PGPUB; USPAT	OR	ON	2009/01/15 17:27
S122	839	S121 and (@rlad<"20010817" @ad<"20010817")	US-PGPUB; USPAT	OR	ON	2009/01/15 17:27

S123	1104	(multiplexer same input same output) same (video near6 (decod\$3 encod\$3))	US-PGPUB; USPAT	OR	ON	2009/01/15 17:28
S124	660	S123 and (@rlad<"20010817" @ad<"20010817")	US-PGPUB; USPAT	OR	ON	2009/01/15 17:28
S125	93	(multiplexer same input same output) same (video near6 (decod\$3 encod\$3) same bus)	US-PGPUB; USPAT	OR	ON	2009/01/15 17:29
S126	79	S125 and (@rlad<"20010817" @ad<"20010817")	US-PGPUB; USPAT	OR	ON	2009/01/15 17:29
S127	36	("4028733"   "4386416"   "4422093"   "4429332"   "4429385"   "4513390"   "4536791" "4549219"   "4581484"   "4603385"   "4689683"   "4734764"   "4780757"   "4780758" "4787035"   "4788657"   "4789961"   "4792849"   "4792945"   "4796220"   "4815030" "4816905"   "4817050"   "4825303"   "4858031"   "4860123"   "4888690"   "4905094" "4924303"   "5008882"   "5032989"   "5113496"   "5224041"   "5235680"   "5276866" "5440758").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/15 17:34
S128	79	rakib\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/15 18:07
S129	0	S128 and "wireless ethernet"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/15 18:07
S130	29	S128 and ethernet	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/15 18:07
S131	20585	((multiplexer selector switch3) near input) and ((multiplexer selector switch3) near output)	US-PGPUB; USPAT	OR	ON	2009/03/30 13:41
S132	12210	((multiplexer selector switch3) near input) same ((multiplexer selector switch3) near output)	US-PGPUB; USPAT	OR	ON	2009/03/30 13:42
S133	12210	((multiplexer selector) near input) same ((multiplexer selector) near output)	US-PGPUB; USPAT	OR	ON	2009/03/30 13:42
S134	12210	((multiplexer selector) near input) same ((multiplexer selector) near output)	US-PGPUB; USPAT	OR	ON	2009/03/30 13:42

S135	430	S134 and video near2 decod\$3	US-PGPUB; USPAT	OR	ON	2009/03/30 13:43
S136	309	S135 and (@ad<"20010817" @rlad<"20010817")	US-PGPUB; USPAT	OR	ON	2009/03/30 13:43
S137	290	S134 and video near decod\$3	US-PGPUB; USPAT	OR	ON	2009/03/30 13:44
S138	206	S137 and (@ad<"20010817" @rlad<"20010817")	US-PGPUB; USPAT	OR	ON	2009/03/30 13:44
S139	82	rakib-\$in.	US-PGPUB; USPAT	OR	ON	2009/03/30 13:57
S140	29	S139 and ethernet	US-PGPUB; USPAT	OR	ON	2009/03/30 13:58
S141	315	725/74.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/30 14:08
S142	128	S141 and (@ad<"20010817" @rlad<"20010817")	US-PGPUB; USPAT	OR	ON	2009/03/30 14:08
S143	104	725/85.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/30 14:13
S144	86	S143 and (@ad<"20010817" @rlad<"20010817")	US-PGPUB; USPAT	OR	ON	2009/03/30 14:13
S145	462	725/133.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/30 14:17
S146	224	S145 and (@ad<"20010817" @rlad<"20010817")	US-PGPUB; USPAT	OR	ON	2009/03/30 14:18
S147	1530	725/131, "139,151".ccls.	US-PGPUB; USPAT	OR	ON	2009/03/30 14:34
S148	646	S147 and (@ad<"20010817" @rlad<"20010817")	US-PGPUB; USPAT	OR	ON	2009/03/30 14:34
S149	114	S148 and multiplexer	US-PGPUB; USPAT	OR	ON	2009/03/30 14:35

S150	271	S148 and multiplex\$3	US-PGPUB; USPAT	OR	ON	2009/03/30 14:37
S151	157	S150 not S149	US-PGPUB; USPAT	OR	ON	2009/03/30 14:37
S152	679	(input and output and multiplexer and bus and decoder).clm.	US-PGPUB; USPAT	OR	ON	2009/03/30 16:44
S153	73	(input and output and multiplexer and bus and decoder and digital and analog).clm.	US-PGPUB; USPAT	OR	ON	2009/03/30 16:44
S154	3	(input and output and multiplexer and decoder and "digital bus" and "analog bus").clm.	US-PGPUB; USPAT	OR	ON	2009/03/30 16:45
S155	1	("6219053").PNL	USPAT; USOCR	OR	OFF	2009/03/31 22:54
S156	1	09/932282.app.	US-PGPUB; USPAT	OR	ON	2009/06/30 22:47

### EAST Search History (Interference)

<This search history is empty>

7/13/2009 1:10:41 PM

C:\Documents and Settings\fpeng\My Documents\EAST\Workspaces\09932282.wsp